

## **ABSTRACT OF THE DISCLOSURE**

Method, apparatus and signal bearing medium for processing multimedia data which improve server performance in rendering multimedia data. In one aspect, a method is provided for processing multimedia data without requiring utilization of the hard disk drive's data recovery procedure when soft or hard errors are encountered in connection with reading of the multimedia data from the hard disk drive. The method for processing multimedia data comprises: indexing the multimedia data to an  $i$  by  $j$  matrix; storing the  $i$  by  $j$  matrix in a data storage device utilizing odd/even index sequencing of the  $i$  by  $j$  matrix; retrieving data from the data storage device; and reconstructing the  $i$  by  $j$  matrix utilizing odd/even index sequencing of retrieved data.